

## **REMARKS**

These remarks are submitted in reply to the Office Action dated July 08, 2005. Applicant respectfully requests reconsideration and further examination of the patent application under 37 C.F.R. § 1.111.

Upon entry of the foregoing Amendment, claims 1 and 3 - 7 are pending in the application. Based on the remarks herein, Applicant respectfully requests that the Examiner reconsider and withdraw all outstanding rejections.

### **Remarks regarding §103 rejections**

Applicant has amended claim 1 to include:

wherein the first electrically tunable resonator includes a voltage tunable dielectric varactor incorporating tunable dielectric material capable of a permittivity in a range from about 20 to about 2000, and a tunability in a range from about 10% to about 80% at temperatures including room temperature.

Applicant includes with this response an affidavit from Louise C. Sengupta, one of the world's foremost experts on tunable dielectric material and devices, such as filters, that include this material. Her analysis provides that Dimos, neither alone or in combination with other art, teaches, suggests or renders obvious, the limitations as set forth in amended claims 1 and 7. Thus, Applicant submits that amended claims 1 and 7 are in condition for allowance. Further, as claims 3 - 6 depend on amended claim 1, Applicant submits these claims are now in condition for allowance as well.

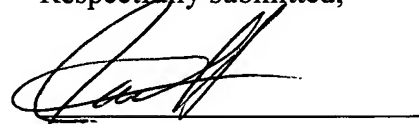
## Conclusion

From the foregoing, Applicants respectfully submit that all of the stated grounds of rejections have been properly traversed, accommodated, or rendered moot. Accordingly, Applicants respectfully request that the application is in condition for allowance and respectfully request such action.

If the Examiner believes, for any reasons, that personal communication will expedite prosecution of this application the Examiner is invited to telephone the undersigned at the following number: 202-607-4607.

The USPTO is authorized to charge Deposit Account No. 502697 any fees associated with this response.

Respectfully submitted,



James S. Finn  
Reg. No. 38,450

C/O Bill Tucker  
14431 Goliad Dr., Box #8  
Malakoff, TX 75148  
202/607-4607